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wherein said motor comprises a rotor having a plurality of magnetic salient poles of a first material highly resistant to corrosion and a stator being covered by a second material highly resistant to corrosion.

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cont'd.*
2. (Amended) A gas transfer machine according to claim 1, wherein said second material comprises a molded body of synthetic resin having a surface positioned radially inwardly of an inner circumferential surface of said stator, said stator being embedded in said molded body of synthetic resin.
  3. (Amended) A gas transfer machine according to claim 1, wherein said second material comprises a can of synthetic resin or nonconductive material.
  4. (Amended) A gas transfer machine according to claim 1, wherein said first material highly resistant to corrosion comprises a magnetic alloy of iron and nickel.
  5. (Amended) A gas transfer machine according to claim 1, wherein said first material highly resistant to corrosion comprises permalloy.

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Please **ADD** the following claims:

6. (New) A gas transfer machine according to claim 1, wherein said second material highly  
resistant to corrosion comprises a molded body of synthetic resin.

7. (New) A gas transfer machine according to claim 1, wherein said second material highly  
resistant to corrosion comprises a can of synthetic resin or nonconductive material.

8. (New) A gas transfer machine according to claim 1, wherein said motor rotor has a  
plurality of permanent magnets disposed respectively in said magnetic salient poles.

9. (New) A gas transfer machine according to claim 1, wherein said gas transfer machine  
comprises a gas circulating device having a circulating fan.

10. (New) A gas transfer machine according to claim 1, wherein said gas transfer machine  
comprises a vacuum pump.